



KAISER - HILL  
COMPANY

## INTEROFFICE MEMORANDUM

DATE: August 9, 2004

TO: Denny Ferrera

FROM: Vic Pizzuto *Vic Pizzuto*

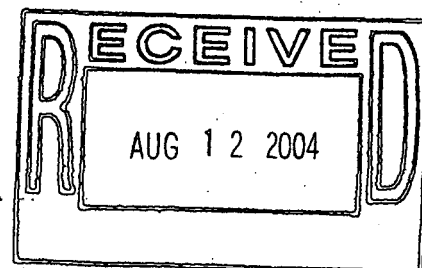
SUBJECT: Environmental Restoration and B776/777 Management Agreement for the Demolition of B701

Building 730 is located north of B776/777. B701 was used as a non-radiological support structure and included laboratory work, paint shop, carpenter shop, storage, and offices. During the final survey process, contamination was found in Room 101. Based on this contamination, the Building was re-typed as a Type 2 facility and a minor modification was made to the 776/777 Decommissioning Operations Plan to include the structure.

Room 101 was decontaminated to the extent practicable; however, during the decontamination process it became evident that there was soil contamination below portions of the slab. As a result steel plates were placed over the openings to the soil and over areas with contamination greater than the unrestricted release criteria.

The RISS Project will demolish the facility. The demolition will be conducted in accordance with the 776/777 Decommissioning Operations Plan. The contaminated concrete and soil that requires remediation will be dispositioned in accordance with the ER RSOP notification 04-04 and the ER Contact Record written by Annette Primrose on August 5, 2004.

Once the 776/777 Project obtains CDPHE concurrence on the 701 Pre-Demolition Survey Report, the facility will be transitioned to RISS for demolition. The PDSR is complete and has been informally transmitted to CDPHE for review. It is anticipated that official concurrence will be obtained no later than August 30, 2004.



ADMIN RECORD

B776-A-000204

1/3

## ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

**Date/Time:** August 4, 2004/1200

**Site Contact(s):** Annette Primrose      Norma Castaneda  
**Phone:** 303 966-4385      303 966-4226  
K-H RISS      DOE

**Regulatory Contact:** Harlen Ainscough      Dave Kruchek  
**Phone:** 303 692-3328      303 692-3337  
**Agency:** CDPHE      CDPHE

**Purpose of Contact:** Remediation of B701 area

### **Discussion**

A small area of concrete was found in Building 701 above free release limits. This concrete was removed except for an estimated 3-4 linear feet of contaminated footer at the north wall of the structure, east side. Depth of contaminated concrete is unknown but is expected to be up to the full depth of the footer, approximately 4 feet. Other, smaller areas of contaminated concrete were identified at the final survey and will also be removed, along with associated contaminated soil if any.

A small area of contaminated soil, approximately 3-4 feet square, is associated with the footer. Characterization results from this location show Pu-239 at 14 nCi/g and Am-241 at 3.4 nCi/g, well above the action levels of 50 pCi/g in surface soils. Soil contamination may extend as deep as 4 feet, as seen at other locations such as B779 where contamination followed the footer.

Samples collected at three other locations in B701 where the concrete also was scabbled down to soil did not have americium or plutonium above action levels. No soil removal action is required at those locations.

As stated in the CDPHE approval for the ER RSOP Notification for IHSS Group 700-3, this contact record documents the agreement that the contaminated concrete and soil above action levels will be remediated as part of this IHSS Group. Additional remedial actions identified during building demolition will be documented on separate contact records.

**Contact Record Prepared By:** Annette Primrose

### Required Distribution:

M. Aguilar, USEPA  
H. Ainscough, CDPHE  
S. Bell, DOE-RFPO  
J. Berardini, K-H  
B. Birk, DOE-RFPO  
L. Brooks, K-H ESS

D. Mayo, K-H RISS  
J. Mead, K-H ESS  
S. Nesta, K-H RISS  
L. Norland, K-H RISS  
K. North, K-H ESS  
E. Pottorff, CDPHE

### Additional Distribution:

Sam Garcia, USEPA  
Beth Loehrke, K-H RISS  
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G. Carnival, K-H RISS  
N. Castaneda, DOE-RFPO  
C. Deck, K-H Legal  
N. Demos, SSOC  
S. Gunderson, CDPHE  
M. Keating, K-H RISS  
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S. Surovchak, DOE-RFPO  
J. Walstrom, K-H RISS  
K. Wiemelt, K-H RISS  
C. Zahm, K-H Legal

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